

AMENDMENTS TO THE CLAIMS

The listing below of the claims presents in amended form the claims that were approved and accepted in the international phase of the corresponding PCT application, and they replace all prior versions and listings of claims in the present application:

Listing of Claims:

Claim 1 (currently amended): An arrangement for fastening electric heating elements in a furnace in which objects are to be heated, wherein the furnace wall includes a layer of furnace insulation ~~(4) comprised of high grade brick~~, and wherein the heating zones ~~(6)~~ of respective electrical heating elements ~~(2)~~ are ~~placed~~ positioned substantially vertically and parallel with the an inner surface of the furnace wall in operation, ~~characterised in that the~~ , said arrangement comprising: a heating element cassette including channels for receiving electric leads or conductors ~~(7, 8)~~ of each a heating element ~~(2)~~ are mounted in a cassette ~~(9)~~ and extend in channels ~~(10, 11)~~ provided therein; in that the having a heating zone ~~(6)~~ of the heating element that projects out from and defines an angle with the a longitudinal axis of the cassette ~~(9)~~; in that ; the furnace insulation ~~(4)~~ includes including for each cassette ~~(9)~~ a hole ~~(12)~~ which is larger at its outer end than at its inner end , ~~therewith enabling to enable~~ the cassette ~~(9)~~ to be rotated in a vertical plane as the heating zone ~~(6)~~ of the element is inserted through the hole ~~(12)~~ and into ~~said~~ an operating position substantially parallel with the furnace wall; and in that a wedge -like body ~~(13)~~ is

~~provided whose~~ having a shape that corresponds to the shape of the an empty space created by the shape of the hole (12) and located between the hole (12) and the cassette (9) when the cassette is placed in said operating position in the hole ~~, said ; wherein the~~ body (13) ~~being placed~~ is located in said empty space during operation of the furnace.

Claim 2 (currently amended): An arrangement according to Claim 1, ~~characterised in that~~ wherein said angle is between about 30 and about 60 degrees.

Claim 3 (currently amended): An arrangement according to Claim 1 ~~or 2,~~ ~~characterised in that each~~ , wherein the cassette (9) is elongate and has a generally rectangular cross-section.

Claim 4 (currently amended): An arrangement according to Claim 1, ~~2 or 3,~~ ~~characterised in that~~ wherein the furnace insulation (4) and the cassettes (9) are comprised of high grade brick ~~, such as aluminium oxide brick.~~

Claim 5 (currently amended): An arrangement according to Claim 4, ~~characterised in that~~ wherein said body (13) is comprised of high grade brick ~~, such as aluminium oxide brick.~~

Claim 6 (currently amended): An arrangement according to Claim 1, ~~2, 3, 4 or 5~~, ~~characterised in that~~ wherein said hole (12) has a generally rectangular cross-section.

Claim 7 (currently amended): An arrangement according to Claim 6, ~~characterised in that~~ wherein the hole (12) has a horizontal underside, parallel vertical side edges, and an upper side that defines an angle with ~~the~~ a horizontal plane.

Claim 8 (currently amended): An arrangement according to Claim 7, ~~characterised in that~~ wherein the cassette (9) is in abutment with the upper side of the hole (12) when in an operating position; and ~~in that~~ wherein the body (13) is inserted beneath the cassette (9).

Claim 9 (currently amended): An arrangement according to ~~any one of the preceding Claims~~, ~~characterised in that~~ claim 1, wherein the furnace includes a process tube (3) in which objects are ~~intended to be~~ heated, wherein a space (5) is formed between the process tube and the furnace insulation, and wherein the heating zones (6) of respective electric heating elements (2) are located in said space (5) substantially parallel with the outer surface of the tube during operation of the furnace.

Claim 10 (new): An arrangement according to claim 4, wherein the brick is aluminum oxide brick.

Claim 11 (new): An arrangement according to claim 5, wherein the brick is aluminum oxide brick.